AEE/SSD/SBR/000079/18-19 dt. 24/01/19

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. 1st and final Bill 226001

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Technical Manager (West) KRIDL, Bangalore

Date of commencement of work..... D.O. Records ..... 18-01-2019

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Name of work : Improvement to Roads and drains at Veerabhadrapura Main Road, and surrounding area in Ward no-12, Shettyhalli Sub-Division | | | | | | |
| | Estimated cost Rs : 50.00 Lakhs. | | | | | | |
| | JOB. no : 012-18-000005 | | | | | | |
| | Work order no : BBMP/EE/DD/WO/37/2018-19.01 Dt. 11-09-2018. | | | | | | |
| (1) | Earthwork Excavation by manual means in ordinary soil in volving an average horizontal throw upto 2m and an average lift | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | upto 1.50 m, Excavated surface levelled and finished neatly dressed, the disposed Earth to be levelled neatly after breaking of clods complete as per specifications and directions of Engineer in-charge of the Work. | | | | | | |
| | | | Qty vide this MB. 27 no (1) | | | | |
| | | | P.no 22607 = 721.60 | | | m³ @ 175.92/m³ Rs | 126972.74 |
| 2) | Providing and laying in position plain cement concrete of mix 1:4:8 with opc. cement @ 180kg/ with 40mm nominal down size graded granite metal coarse aggregate @ 0.85m³ and fine aggregate @ 0.57m³, machine mixed concrete laid in layers not exceeding 150mm thick, well compacted as per specifications and directions of Engineer-in- | | | | | | |

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

226002

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Charge of work. | | | | | | |
| | | | On wide this 1913. Pl no (2) | | | | |
| | | | P. no. 226072 = | | 98.40 m³ | @ 5159.02/m³ | 5076 47.57 |
| (3) | Providing and laying in position reinforced cement concrete of design mix M-20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal, coarse aggregate @ 0.69 m³ and fine aggregate @ 0.46 m³ with super plasticizer @ 3 lit conforming to IS 9103-1999 re-affirmed - 2008, machine mixed, concrete laid in layers not exceeding 15 cms, vibrated for all works in foundation for footing, pedestal, retaining walls, staircase, retaining walls, return walls | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Cony thickness of including attached plasters, columns, piers, abutments, parapets, bed blocks, anchor blocks, plain Window sill, grills etc including costing all materials, labour, hire of machinery, carry complete as per specifications and directions of Engineer-in-charge of the work. | | | | | | |
| | (a) for drain Battery | | | | | | |
| | (b) for drain Sidewall | | | | | | |
| | Main Road, Vinayaknagar | | | | | | |
| | 4th side this mB. | | | | | p.no. | 226076 |
| | " ab (5) = | | | | | e | 73.875 |
| | | 2×1 | 30.00 | 0.15 | 0.75 | = | 6.75 |
| | | 1×1 | 25.00 | 0.15 | 0.75 | = | 5.63 |
| | | 2×1 | 28.00 | 0.15 | 0.80 | = | 13.44 |
| | | 2×3 | 30.00 | 0.15 | 0.90 | = | 24.30 |

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೆಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಪಾಲಿಕೆ
ಪೂರ್ವ ವಲಯ, ಬೆಂಗಳೂರು

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

226003

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | ~~2×1~~ ~~2×3~~ | ~~25.00~~ ~~0.75~~ | ~~0.15~~ ~~0.90~~ = | 0.75 = | ~~5.63~~ | |
| | R/s | 2×1 | 13.00 | 0.15 = | 0.90 = | 3.51 m³ | |
| | | 2×2 | 27.00 | 0.15 | 0.75 = | 12.15 | |
| | | 2×1 | 28.00 | 0.15 | 0.80 = | 6.72 | |
| | | 2×1 | 29.00 | 0.15 | 0.85 = | 7.40 | |
| | | 2×3 | 30.00 | 0.15 | 0.90 = | 24.30 | |
| | | 2×1 | 13.20 | 0.15 | 0.90 = | 3.56 | |
| | Culverts - Deductions | 1 | 6.50 | 1.50 | 0.25 = | 2.44 | |
| | | 3 | 8.00 | 1.50 | 0.25 | 9.00 | |
| | | 4×1 | 8.00 | 1.50 | 0.25 | 12.00 | |
| | | | | | | 210.10 m³ | |
| | | | | | | Rs- 63FR.66 | |
| | | | | | | Rs- (324668.11 | |

25/1/19

Total No. 207.90 m³ C

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 4) | Providg & Constructg granite/trap/basalt size stone masy in basement with cement mortar 1:6 Edges of stones chisselled dressed in courses not less than 15cms high, bond stones at 2m apart in each courses including costg all materials labour, curg complete as per specifications & directions of Engineer-in-charge of work. | | | | | | |
| | for. cb | 2x1 | 6.55 | 0.62 | 0.90 | = 7.25 | |
| | | 2x3 | 8.00 | 0.62 | 0.80 | = 23.80 | |
| | | 2x4 | 8.00 | 0.60 | 0.80 | = 30.72 | |
| | | | | | | 61.77 m³ | |
| | | | | | Less | 61.44 m³ | |
| | | | | | | 5305.30 m³ | |

325957.63
325988.35

5305.30.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸನಪುರ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜರಾಜೇಶ್ವರಿನಗರ, ಬೆಂಗಳೂರು

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

226004

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (5) | Providing and removing centering, shuttering, propping etc and removal of form work for vertical surfaces such as walls (any thickness, including attached pilasters, buttresses, plinth and cills and string course) costing all material, labours, complete as per specifications and directions of Engineer-in-charge of work. | | | | | | |
| | | | | | | 668.047 sqm | |
| | | | | | | 310.58 sqm | 318047.44 |
| (6) | Providing and mild-steel reinforcement for RCC work including | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | attached pilasters straightg, cutting, bendg, hookg, placg in positions. Lapping and or weldg wherever required, tying with bindg wire and anchoring to the adjoing members wherever necessy complete as per design, cost of materials, labour, cost of machinery complete as per specifications and directions of Engineer. In-charge of work. | | | | | | |
| | Ghyasdi Hill on B. Thana (3) | | | | | | |
| | P.no = 2260 Stanza C | | | | | | |
| | | | 13.78 | | | 64243.42 | Sq. m. |
| 17 | Providing and laying reinforced cement concrete in slabs of mix. C.C 1:4:2 (1 cement : 4 coarse sand : 2 graded stone aggregate 20mm and down size) in ground floor including cost of centering, shuttering including propping etc. complete but excluding the cost of reinforcement. | | | | | | |
| | Metal work M45D 10mm dia steel | | | | | 100 mt/c body | |

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ..... 226005

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Work as complete as per specifications and direction of Engineer-in-charge of work. | | | | | | |
| | a) Drain cover slabs. -4/s | 1 | 30.00 | 0.90 | - | 27.00 | |
| | | 1 | 25.00 | 0.90 | - | 22.50 | |
| | | 2 | 28.00 | 0.90 | - | 50.40 | |
| | | 3 | 30.00 | 0.90 | - | 81.00 | |
| | | 1 | 13.00 | 0.90 | - | 11.70 | |
| | | 2 | 27.00 | 0.90 | - | 48.60 | |
| | | 1 | 28.00 | 0.90 | - | 25.20 | |
| | | 1 | 29.00 | 0.90 | - | 26.10 | |
| | | 3 | 30.00 | 0.90 | - | 81.00 | |

25/1/19

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Misc'y slabs | 1 | 13.20 | 0.90 | - | 11.88 m² | |
| | | 1 | 29.00 | 0.90 | - | 26.10 | |
| | | 1 | 25.00 | 0.90 | - | 22.50 | |
| | | 1 | 27.20 | 0.90 | - | 24.48 | |
| | | 1 | 28.50 | 0.95 | - | 25.65 | |
| | | | | | | 484.11 m² | |
| | | | | | Less | 483.80 m² | |
| | | | | | | @ 1680/m² | 8,12,784.00 |
| | | | | | | Total B | 45,01,352.00 |
| | | | | | Add | KRIDL charges 11%. | 4,95,148.00 |
| | | | | | | Total R | 49,96,500.62 |

Checked

18/01/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಆರ್‌ಐಡಿಎಲ್, ಬಿಬಿಎಂಪಿ ವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಫೋನ್.ಎಂ. ಸ್ಟೇ. ರಘೋದ್ಧರನಗರ, ಬೆಂಗಳೂರು

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

18/01/2019

Audited and admitted for Rs. 4996500=00

Passed by Cheque for Rs. 4457952=00

Serial No. .....

Name of work ..... 545548=00 by adjustment

Name of Contractor of nature of Agency. .....

Date of commencement of work .....

Accounts Superintendent

Exe. Engineer

Date B.B.M.P. Dasarahalli Division

# M. A. R. 57 (Rule 116)

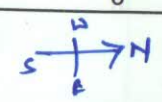
Measurement Book

No. D

226006

Full description, etc. of work ..... From ..... To .....

| 1 | 2 | Number 3 | Dimensions Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Vijayalaxmi Layout | | 28.00 28.00 25.00 30.00 | 28.00 27.00 27.00 | | | |
| | Railway gate | | W0363 | | Abbigere main Rd | | |

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Rcc drain

cds

18/01/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂ